

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2004/000123

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7:G11B20/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7:G11B20/00 G106F15/00 G06F3/00 H04R5/00 H01R 31/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC WPI PAJ CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP,A,2002163051 (TOSHIBA KK) 07.JUN.2002 (07.06.2002) ,The whole document	1-3
A	WO,A,0165827(KYOCERA CORAPORATION , DDI CORPORATION) 07.SEPT. 2001(07.09.2001) ,The whole document	1-3
A	KR,A,2002042980(KIM K W) 08.JUN. 2002 (08.06.2002) ,The whole document	1-3

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 04.MAY. 2004 (04.05.2004)	Date of mailing of the international search report 08 . JUL 2004 (0-8 - 07 - 2004)
Name and mailing address of the ISA/ 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer Xie, Xuemin Telephone No. (86-10)62084943

INTERNATIONAL SEARCH REPORT
Information on patent family members

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PCT/CN2004/000123

Patent document cited in report date	Publication date	Patent family member(s)	Publicationsearch
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		AU200135991 A	12.09.2001
		JP2002050978 A	15.02.2002
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